



Attorney's Docket No.: 17105-018005
(25886-0055E)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Chen, James
Serial No. : 10/802,284
Filed : March 16, 2004
Conf. No. : 3633
Title : PHOTODYNAMIC TREATMENT OF TARGETED CELLS

Art Unit : 3762
Examiner : Unknown
Customer No.: 20985

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

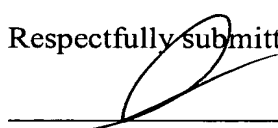
Dear Sir:

Transmitted herewith are an Information Disclosure Statement and Form PTO-1449 (18 pages) and cited references for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050, as stated below:



The Commissioner is hereby authorized to charge the fee for the extension of time and any other fee that may be due in connection with this and the attached papers or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,


Stephanie L. Seidman
Reg. No. 33,779

Attorney Docket No. 17105-018005 (25886-0055E)
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Facsimile: (202) 626-7796
email: seidman@fr.com

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
"Express Mail" Mailing Label Number EV 399295350 US
Date of Deposit August 2, 2004
I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.


Stephanie L. Seidman



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INFORMATION DISCLOSURE STATEMENT IN
ACCORDANCE WITH 37 C.F.R. §§1.97-1.98

Dear Sir:

Because this Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (18 pages) and copies of newly cited references, designated with an asterisk (*), are provided herewith. In accordance with 37 C.F.R. §1.98(d), copies of the rest of the items listed on the Form PTO-1449 are not provided herewith as they have been previously provided in connection with U.S. Serial No. 09/905,501, which is relied upon for an earlier filing date in accordance with 35 U.S.C. §120.

The documents cited on the Forms PTO-1449 are in the English language with the exception of Item LG (Fischer et al). Item LG is in the German language and is provided with an English language translation (Item KO). Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

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"Express Mail" Mailing Label Number EV 399295350 US
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Stephane L. Seidman

Applicant : Chen, James
Serial No. : 10/802,284
Filed : March 16, 2004
Page : 2 of 2

Attorney's Docket No.: 17105-018005
(25886-0055E)

Applicant also makes known to the Examiner the following pending U.S. and International Applications that have one or more common inventors and/or are commonly owned:

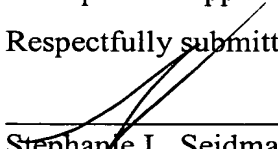
| U.S.S.N. | Filing Date | Publication or Issue No. | Publication or Issue Date | Docket No. |
|------------|-------------|--------------------------|---------------------------|------------|
| 09/592,150 | 06/12/00 | 6,624,187 | 09/23/03 | 0049 |
| 09/801,163 | 03/07/01 | 2002-0128303 | 09/12/02 | 0050 |
| 10/351,730 | 01/23/03 | 2003-0167033 | 09/04/03 | 0052 |
| 10/317,269 | 12/10/02 | 2003-0109813 | 06/12/03 | 0055C |
| 10/410,700 | 04/08/03 | 2003-0208249 | 11/06/03 | 0055D |
| 10/091,144 | 03/04/02 | 2002-0127224 | 09/12/02 | 0066B |
| 10/607,922 | 06/27/03 | 2004-0044197 | 03/04/04 | 0094 |
| 10/613,474 | 07/02/03 | 2004-0044198 | 03/04/04 | 0095 |

| Int'l App. No. | Filing Date | Publication No. | Publication Date | Docket No. |
|----------------|-------------|-----------------|------------------|------------|
| PCT/US03/02303 | 01/23/03 | WO03061696 | 07/31/03 | 0052PC |
| PCT/US03/20427 | 06/27/03 | WO04002486 | 01/08/04 | 0094PC |
| PCT/US03/21179 | 07/02/03 | WO04005289 | 01/15/04 | 0095PC |
| 03010382.4 | 05/10/03 | | | CHEN0188 |
| PCT/US02/28149 | 11/25/02 | WO03052793 | 06/26/03 | CHEN0187 |

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references is effective as prior art against the subject application. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and make them of record in the file history of the above-captioned application.

Respectfully submitted,


Stephanie L. Seidman
Reg. No. 33,779

Attorney Docket No. 17105-018005 (25886-0055E)
Address all correspondence to:
Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070 Facsimile: (202) 626-7796
email: seidman@fr.com

| Substitute Form PTO-1449 (Modified) | | U.S. Department of Commerce Patent and Trademark Office | | Attorney's Docket No. 17105-018005 (25886-0055E) | | Application No. 10/802,284 | |
|---|--------------|--|---------------------|--|-------|-------------------------------|-------------------------------|
| List of Patents and Publications for Applicant's Information Disclosure Statement (37 CFR §1.98(b)) | | | | Applicant Chen, James | | | |
| | | | | Filing Date March 16, 2004 | | Group Art Unit 3762 | |
| U.S. Patent Documents | | | | | | | |
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AC | 4,693,556 | 09/15/87 | McCaughan, Jr. | 350 | 320 | 06/04/85 |
| | AD | 4,693,885 | 09/15/87 | Bommer <i>et al.</i> | 424 | 2 | 04/30/85 |
| | AE | 4,753,958 | 06/28/88 | Weinstein <i>et al.</i> | 514 | 410 | 06/25/86 |
| | AF | 4,823,244 | 04/18/89 | Alaybayoglu <i>et al.</i> | 362 | 194 | 01/29/88 |
| | AG | 4,849,207 | 07/18/89 | Sakata <i>et al.</i> | 424 | 1.1 | 10/23/86 |
| * | AH | 4,861,876 | 08/29/89 | Kessel | 540 | 145 | 11/26/86 |
| * | AI | 4,866,168 | 09/12/89 | Dougherty <i>et al.</i> | 540 | 145 | 07/24/86 |
| * | AJ | 4,878,891 | 11/07/89 | Judy <i>et al.</i> | 604 | 5 | 06/25/87 |
| | AK | 4,932,934 | 06/12/90 | Dougherty <i>et al.</i> | 604 | 21 | 08/24/88 |
| * | AL | 4,957,481 | 09/18/90 | Gatenby | 604 | 20 | 07/03/89 |
| * | AM | 4,997,639 | 03/05/91 | Aizawa <i>et al.</i> | 424 | 9 | 11/27/89 |
| | AN | 4,998,930 | 03/12/91 | Lundahl | 606 | 15 | 08/04/89 |
| | AO | 5,002,962 | 03/26/91 | Pandey <i>et al.</i> | 514 | 410 | 07/20/88 |
| | AP | 5,026,367 | 06/25/91 | Leckrone <i>et al.</i> | 606 | 7 | 03/18/88 |
| * | AQ | 5,028,594 | 07/02/91 | Carson | 514 | 23 | 12/27/88 |
| * | AR | 5,041,078 | 08/20/91 | Matthes <i>et al.</i> | 604 | 4 | 12/21/89 |
| * | AS | 5,053,006 | 10/01/91 | Watson | 604 | 52 | 04/02/90 |
| | AT | 5,055,446 | 10/08/91 | Alexander <i>et al.</i> | 514 | 2 | 10/21/88 |
| | AU | 5,171,749 | 12/15/92 | Levy <i>et al.</i> | 514 | 410 | 06/20/91 |
| | AV | 5,190,536 | 03/02/93 | Wood <i>et al.</i> | 606 | 16 | 02/19/92 |
| | AW | 5,263,925 | 11/23/93 | Gilmore <i>et al.</i> | 604 | 4 | 07/22/91 |
| | AX | 5,283,255 | 02/01/94 | Levy <i>et al.</i> | 514 | 410 | 09/11/92 |
| | AY | 5,314,905 | 05/24/94 | Pandey <i>et al.</i> | 514 | 410 | 11/09/92 |
| * | AZ | 5,330,741 | 07/19/94 | Smith <i>et al.</i> | 424 | 9 | 02/24/92 |
| | BA | 5,344,434 | 09/06/94 | Talmore | 607 | 88 | 12/21/92 |
| * | BB | 5,368,841 | 11/29/94 | Trauner <i>et al.</i> | 424 | 9 | 02/11/93 |
| | BC | 5,399,583 | 03/21/95 | Levy <i>et al.</i> | 514 | 410 | 01/25/94 |
| | BD | 5,404,869 | 04/11/95 | Parkyn, Jr. <i>et al.</i> | 126 | 699 | 04/16/92 |
| * | BE | 5,430,051 | 07/04/95 | Aizawa <i>et al.</i> | 514 | 410 | 04/19/94 |
| Examiner Signature | | | | Date Considered | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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|---|--|--|--|-------------------------------|
| Substitute Form PTO-1449 (Modified) List of Patents and Publications for Applicant's Information Disclosure Statement (37 CFR §1.98(b)) | U.S. Department of Commerce Patent and Trademark Office | | Attorney's Docket No. 17105-018005 (25886-0055E) | Application No. 10/802,284 |
| | Applicant Chen, James | | | |
| | Filing Date March 16, 2004 | | Group Art Unit 3762 | |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|--------------------|-------|----------|----------------------------|
| * | BF | 5,441,531 | 08/15/95 | Zarate et al. | 607 | 90 | 10/18/93 |
| | BG | 5,445,608 | 08/29/95 | Chen et al. | 604 | 20 | 08/16/93 |
| | BH | 5,456,661 | 10/10/95 | Narciso, Jr. | 604 | 20 | 03/31/94 |
| | BI | 5,474,528 | 12/12/95 | Meserol | 604 | 20 | 03/21/94 |
| | BJ | 5,474,765 | 12/12/95 | Thorpe | 424 | 178.17 | 03/23/92 |
| | BK | 5,482,698 | 01/09/96 | Griffiths | 424 | 1.41 | 04/22/93 |
| | BL | 5,484,778 | 01/16/96 | Kenney et al. | 514 | 63 | 09/02/93 |
| | BM | 5,484,803 | 01/16/96 | Richter | 514 | 410 | 02/02/95 |
| | BN | 5,494,793 | 02/27/96 | Schindele et al. | 435 | 6 | 06/14/89 |
| * | BO | 5,498,710 | 03/12/96 | Pandey et al. | 540 | 145 | 04/22/94 |
| * | BP | 5,500,009 | 03/19/96 | Mendes et al. | 607 | 88 | 09/27/93 |
| | BQ | 5,514,669 | 05/07/96 | Selman | 514 | 63 | 09/29/93 |
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| * | BS | 5,534,506 | 07/09/96 | Morgan et al. | 514 | 185 | 06/20/94 |
| | BT | 5,543,514 | 08/06/96 | Sessler et al. | 540 | 472 | 04/06/95 |
| * | BU | 5,549,660 | 08/27/96 | Mendes et al. | 607 | 088 | 11/12/92 |
| * | BV | 5,556,612 | 09/17/96 | Anderson et al. | 424 | 59 | 03/15/94 |
| | BW | 5,565,552 | 10/15/96 | Magda et al. | 534 | 11 | 06/07/95 |
| * | BX | 5,567,409 | 10/22/96 | Aizawa et al. | 424 | 9.363 | 12/12/94 |
| | BY | 5,571,152 | 11/05/96 | Chen et al. | 607 | 92 | 05/26/95 |
| | BZ | 5,576,013 | 11/19/96 | Williams et al. | 424 | 423 | 03/21/95 |
| | CA | 5,577,492 | 11/26/96 | Parkyn, Jr. et al. | 126 | 698 | 04/07/95 |
| | CB | 5,577,493 | 11/26/96 | Parkyn, Jr. et al. | 126 | 699 | 08/22/94 |
| * | CC | 5,591,847 | 01/07/97 | Pandey et al. | 540 | 472 | 05/23/94 |
| | CD | 5,591,855 | 01/07/97 | Hudkins et al. | 546 | 256 | 04/24/95 |
| * | CE | 5,594,136 | 01/14/97 | Sessler et al. | 540 | 472 | 05/03/95 |
| | CF | 5,613,769 | 03/25/97 | Parkyn, Jr. et al. | 362 | 338 | 06/05/95 |
| | CG | 5,616,140 | 04/01/97 | Prescott | 606 | 10 | 03/21/94 |

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| Examiner Signature | Date Considered |
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| | Applicant Chen, James | | |
| | Filing Date March 16, 2004 | Group Art Unit 3762 | |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|---------------------------|-------|----------|----------------------------|
| | CH | 5,630,996 | 05/20/97 | Reno <i>et al.</i> | 424 | 1.49 | 09/16/93 |
| | CI | 5,634,711 | 06/03/97 | Kennedy <i>et al.</i> | 362 | 119 | 09/13/94 |
| | CJ | 5,643,334 | 07/01/97 | Eckhouse <i>et al.</i> | 607 | 88 | 02/07/95 |
| | CK | 5,645,562 | 07/08/97 | Hann <i>et al.</i> | 606 | 194 | 03/11/96 |
| | CL | 5,655,832 | 08/12/97 | Pelka <i>et al.</i> | 362 | 296 | 05/22/95 |
| | CM | 5,676,453 | 10/14/97 | Parkyn, Jr. <i>et al.</i> | 362 | 260 | 05/22/95 |
| | CN | 5,686,113 | 11/11/97 | Speaker <i>et al.</i> | 424 | 490 | 03/21/95 |
| | CO | 5,698,866 | 12/16/97 | Doiron <i>et al.</i> | 257 | 99 | 05/28/96 |
| | CP | 5,700,243 | 12/23/97 | Nariso, Jr. | 604 | 102 | 05/24/96 |
| | CQ | 5,702,432 | 12/30/97 | Chen <i>et al.</i> | 607 | 88 | 10/03/96 |
| | CR | 5,703,896 | 12/30/97 | Pankove <i>et al.</i> | 372 | 50 | 03/05/96 |
| | CS | 5,705,518 | 01/06/98 | Richter <i>et al.</i> | 514 | 410 | 02/16/95 |
| | CT | 5,707,401 | 01/13/98 | Talmore | 607 | 88 | 02/24/95 |
| | CU | 5,709,653 | 01/20/98 | Leone | 604 | 20 | 07/25/96 |
| | CV | 5,715,837 | 02/10/98 | Chen | 128 | 899 | 08/29/96 |
| | CW | 5,735,817 | 04/07/98 | Shantha | 604 | 100 | 05/19/95 |
| | CX | 5,736,563 | 04/07/98 | Richter | 514 | 410 | 11/08/95 |
| | CY | 5,741,316 | 04/21/98 | Chen <i>et al.</i> | 607 | 61 | 12/02/96 |
| | CZ | 5,746,494 | 05/05/98 | Koeda <i>et al.</i> | 362 | 32 | 11/14/95 |
| | DA | 5,746,495 | 05/05/98 | Klamm | 362 | 32 | 02/05/97 |
| | DB | 5,757,557 | 05/26/98 | Medvedev <i>et al.</i> | 359 | 708 | 06/09/97 |
| | DC | 5,766,222 | 06/16/98 | Petit | 606 | 234 | 07/07/97 |
| | DD | 5,766,234 | 06/16/98 | Chen <i>et al.</i> | 607 | 92 | 04/16/96 |
| | DE | 5,769,844 | 06/23/98 | Ghaffari | 606 | 16 | 06/07/95 |
| * | DF | 5,770,619 | 07/23/98 | Richter <i>et al.</i> | 514 | 410 | 11/01/95 |
| | DG | 5,770,730 | 06/23/98 | Pandey <i>et al.</i> | 540 | 472 | 03/08/96 |
| | DH | 5,775,339 | 07/07/98 | Woodburn <i>et al.</i> | 128 | 898 | 08/19/97 |
| | DI | 5,776,175 | 07/07/98 | Eckhouse <i>et al.</i> | 607 | 100 | 09/29/95 |

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| Examiner Signature | Date Considered |
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|------------------|-----------|-----------------|------------------|----------------------------|-------|----------|----------------------------|
| | DJ | 5,776,427 | 07/07/98 | Thorpe <i>et al.</i> | 424 | 1.49 | 06/01/95 |
| | DK | 5,782,896 | 07/21/98 | Chen <i>et al.</i> | 607 | 88 | 01/29/97 |
| | DL | 5,797,868 | 08/25/98 | Leone | 604 | 21 | 07/25/96 |
| | DM | 5,798,349 | 08/25/98 | Levy <i>et al.</i> | 514 | 185 | 02/17/95 |
| | DN | 5,800,478 | 09/01/98 | Chen <i>et al.</i> | 607 | 88 | 03/07/96 |
| | DO | 5,803,575 | 09/08/98 | Ansems <i>et al.</i> | 362 | 32 | 03/15/96 |
| | DP | 5,806,955 | 09/15/98 | Parkyn, Jr. <i>et al.</i> | 362 | 31 | 06/07/95 |
| | DQ | 5,807,881 | 09/15/98 | Leong <i>et al.</i> | 514 | 410 | 09/22/94 |
| | DR | 5,811,248 | 09/22/98 | Ditlow <i>et al.</i> | 435 | 7.9 | 06/07/95 |
| | DS | 5,814,008 | 09/29/98 | Chen <i>et al.</i> | 604 | 21 | 07/29/96 |
| | DT | 5,817,048 | 10/06/98 | Lawandy | 604 | 20 | 03/20/97 |
| * | DU | 5,824,080 | 10/20/98 | Lamuraglia | 623 | 11 | 09/04/96 |
| | DV | 5,824,657 | 10/20/98 | Hill <i>et al.</i> | 514 | 46 | 03/18/97 |
| | DW | 5,827,186 | 10/27/98 | Chen <i>et al.</i> | 600 | 407 | 04/11/97 |
| | DX | 5,829,448 | 11/03/98 | Fisher <i>et al.</i> | 128 | 898 | 10/30/96 |
| * | DY | 5,832,931 | 11/10/98 | Wachter <i>et al.</i> | 128 | 898 | 10/30/96 |
| | DZ | 5,835,648 | 11/10/98 | Narciso, Jr. <i>et al.</i> | 385 | 31 | 03/07/97 |
| | EA | 5,843,143 | 12/01/98 | Whitehurst | 607 | 88 | 08/24/94 |
| | EB | 5,849,027 | 12/15/98 | Gart <i>et al.</i> | 607 | 93 | 09/04/96 |
| | EC | 5,851,225 | 12/22/98 | Lawandy | 607 | 88 | 11/13/96 |
| | ED | 5,855,866 | 01/05/99 | Thorpe <i>et al.</i> | 424 | 1.49 | 03/02/94 |
| | EE | 5,863,538 | 01/26/99 | Thorpe <i>et al.</i> | 424 | 136.1 | 06/01/95 |
| | EF | 5,864,035 | 01/26/99 | Pandey <i>et al.</i> | 540 | 472 | 03/06/97 |
| | EG | 5,865,840 | 02/02/99 | Chen | 607 | 92 | 10/22/97 |
| | EH | 5,876,427 | 03/02/99 | Chen <i>et al.</i> | 607 | 88 | 01/29/97 |
| | EI | 5,881,200 | 03/09/99 | Burt | 385 | 142 | 03/20/97 |
| | EJ | 5,882,328 | 03/16/99 | Levy <i>et al.</i> | 604 | 20 | 12/02/96 |
| | EK | 5,882,779 | 03/16/99 | Lawandy | 428 | 323 | 02/06/97 |

| | |
|---|-----------------|
| Examiner Signature | Date Considered |
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| | Applicant Chen, James | | |
| | Filing Date March 16, 2004 | Group Art Unit 3762 | |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|---------------------------|-------|----------|----------------------------|
| | EL | 5,906,579 | 05/25/99 | Vander Salm <i>et al.</i> | 600 | 424 | 08/14/97 |
| | EM | 5,909,670 | 06/01/99 | Trader <i>et al.</i> | 705 | 14 | 01/09/96 |
| | EN | 5,912,257 | 06/15/99 | Prasad <i>et al.</i> | 514 | 356 | 09/05/96 |
| | EO | 5,913,834 | 06/22/99 | Francais | 600 | 591 | 06/09/98 |
| | EP | 5,913,884 | 06/22/99 | Trauner <i>et al.</i> | 607 | 88 | 10/31/96 |
| | EQ | 5,919,217 | 07/06/99 | Hughes | 607 | 90 | 04/15/93 |
| | ER | 5,921,244 | 07/13/99 | Chen <i>et al.</i> | 128 | 897 | 06/11/97 |
| | ES | 5,924,788 | 07/20/99 | Parkyn, Jr. | 362 | 329 | 09/23/97 |
| | ET | 5,926,320 | 07/20/99 | Parkyn, Jr. <i>et al.</i> | 359 | 641 | 05/29/97 |
| | EU | 5,929,105 | 07/27/99 | Sternberg <i>et al.</i> | 514 | 410 | 06/01/98 |
| | EV | 5,942,534 | 08/24/99 | Trauner <i>et al.</i> | 514 | 410 | 10/10/97 |
| | EW | 5,943,354 | 08/24/99 | Lawandy | 372 | 39 | 09/16/97 |
| | EX | 5,945,762 | 08/31/99 | Chen <i>et al.</i> | 310 | 171 | 02/10/98 |
| | EY | 5,952,329 | 09/14/99 | Cincotta <i>et al.</i> | 514 | 224.5 | 01/23/97 |
| | EZ | 5,957,960 | 09/28/99 | Chen <i>et al.</i> | 607 | 92 | 05/05/97 |
| | FA | 5,961,543 | 10/05/99 | Waldmann | 607 | 88 | 11/01/96 |
| | FB | 5,976,175 | 11/02/99 | Hirano <i>et al.</i> | 607 | 89 | 06/18/96 |
| * | FC | 5,976,535 | 11/02/99 | Fritzberg <i>et al.</i> | 424 | 182.1 | 06/06/95 |
| | FD | 5,985,353 | 11/16/99 | Lawton <i>et al.</i> | 427 | 2.13 | 07/30/97 |
| | FE | 5,989,245 | 11/23/99 | Prescott | 606 | 14 | 03/31/97 |
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| | FG | 5,997,569 | 12/07/99 | Chen <i>et al.</i> | 607 | 88 | 01/29/97 |
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| * | FM | 6,032,070 | 02/29/00 | Flock <i>et al.</i> | 600 | 473 | 06/07/95 |

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| | FY | 6,107,325 | 08/22/00 | Chan <i>et al.</i> | 514 | 410 | 05/18/98 |
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| * | GA | 6,117,862 | 09/12/00 | Margaron et al. | 514 | 185 | 11/09/98 |
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| | GX | 6,580,228 | 06/17/03 | Chen <i>et al.</i> | 315 | 185R | 08/22/00 |
| | GY | 6,602,274 | 08/05/03 | Chen | 607 | 88 | 03/18/99 |
| * | GZ | 6,624,187 | 09/23/03 | Pandey <i>et al.</i> | 514 | 410 | 06/12/00 |
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| | JR | 99/20346 | 04/29/99 | PCT | | | | |

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| | LF | Ferrario <i>et al.</i> , "Antiangiogenic Treatment Enhances Photodynamic Therapy Responsiveness in a Mouse Mammary Carcinoma", <i>Cancer Research</i> , <u>60</u> :4066-4069 (2000) | | | |
| * | LG | Fischer, H. et al., "[On the Bromination of the Esters of Mesoisochlorin e ₄ and Mesochlorin e ₆]," <i>Berichte der Deutschen Chemischen</i> 75:1778-1795 (1942) | | | |
| | LH | Fisher, W.G. <i>et al.</i> "Simultaneous Two-Photon Activation of Type-1 Photodynamic Therapy Agents," <i>Photochem. Photobiol.</i> , <u>66</u> (2):141-155 (1997) | | | |
| | LI | Freiherr, G., "Advances in Photodynamic Therapy Lure Device Innovators", <i>Medical Device & Diagnostic Industry</i> , http://feedback@devicelink.com , 4 pages | | | |
| | LJ | Gagel, M. P., Photodynamic therapy with porphyrins (1997), available at http://www.dermatology.org/laser/pdt.html . | | | |
| | LK | Gilson <i>et al.</i> , "Therapeutic ratio of photodynamic therapy in the treatment of superficial tumours of skin and subcutaneous tissues in man", <i>J. Cancer</i> , <u>58</u> :665-667 (1988) | | | |
| | LL | Granville <i>et al.</i> , "Photodynamic Treatment with Benzoporphyrin Derivative Monoacid Ring A Produces Protein Tyrosine Phosphorylation Events and DNA Fragmentation in Murine P815 Cells", <i>Photochem. Photobiol.</i> , <u>67</u> (3):358-362 (1998) | | | |
| * | LM | Gryshuk et al., "A First Comparative Study of Purpurinimide-based Fluorinated vs. Nonfluorinated Photosensitizers for Photodynamic Therapy", <i>Photochem. Photo biol.</i> , <u>76</u> (5):555-559 (2002) | | | |
| | LN | Haas <i>et al.</i> , "Phototherapy of Bladder Cancer: Dose/Effect Relationships," <i>Journal of Urology</i> , <u>136</u> :525-528 (1986) | | | |
| * | LO | Haslam et al., "Recent Developments in Methods for the Esterification and Protection of the Carboxyl Group," <i>Tetrahedron</i> 36: 2409-2433 (1980) | | | |
| | LP | Henderson <i>et al.</i> , An <i>in vivo</i> quantitative structure-activity relationship for a congeneric series of pyropheophorbide derivatives as photosensitizers for photodynamic therapy, <i>Cancer Research</i> 57: 4000-4007 (1997). | | | |
| | LQ | Jacka <i>et al.</i> , "A Lamp for Cancer Phototherapy", <i>Aust. J. Phys.</i> , <u>36</u> :221-226 (1983) | | | |
| | LR | Jiang <i>et al.</i> , "Enhanced photodynamic killing of target cells by either monoclonal antibody or low density lipoprotein mediated delivery systems", <i>J. Controlled Release</i> , <u>19</u> :41-58 (1992) | | | |

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| | LS | Jiang <i>et al.</i> , "Selective Depletion of a Thymocyte Subset <i>in Vitro</i> with an Immunomodulatory Photosensitizer", <i>Clin. Immunol.</i> , <u>91</u> (2):178-87 (1999) | | |
| * | LT | Jones et al. "Photodynamic therapy for patients with advanced non-small-cell carcinoma of the lung," <i>Clin Lung Cancer</i> . 3(1):37-41 (2001) | | |
| | LU | Kashtan <i>et al.</i> , "Photodynamic Therapy of Colorectal Cancer Using a New Light Source from In Vitro Studies to a Patient Treatment", <i>Dis. Colon. Rectum.</i> , <u>39</u> (4):379-383 (1996) | | |
| | LV | Kessel <i>et al.</i> , Photosensitization with bacteriochlorins, <i>Photochem. Photobiol.</i> 58(2): 200-203 (1993). | | |
| | LW | Kozyrev <i>et al.</i> , Effect of substituents in OsO ₄ reactions of metallochlorins regioselective synthesis of isobacteriochlorins and bacteriochlorins, <i>Tetrahedron Letters</i> 37(22): 3781-3784 (1996). | | |
| | LX | Kreimer-Birnbaum, M., "Modified Porphyrins, Chlorins, Phthalocyanines, and Purpurins: Second-Generation Photosensitizers for Photodynamic Therapy", <i>Seminars in Hematology</i> <u>26</u> (2):157-173 (1989) | | |
| | LY | Latham <i>et al.</i> , "Biophotonics Applications of High-Power Semiconductor Diode Laser technology", available at: http://www.arflhorizons.com/Briefs/0001/DE9903.html pp.1-3 (1998) accessed on (02/06/03). | | |
| * | LZ | Li et al., "Application of Ruppert's reagent in preparing novel perfluorinated porphyrins, chlorins and bacteriochlorins", <i>J. Chem. Soc. Perkin Trans 1</i> , 1785-1787 (1999) | | |
| * | MA | Li et al., "Synthesis, comparative photosensitizing efficacy, human serum albumin (site II) binding ability, and intracellular localization characteristics of novel benzobacteriochlorins derived from vic-dihydroxybacteriochlorins,". <i>J Med Chem.</i> 46(25):5349-5359 (2003) | | |
| | MB | Lin <i>et al.</i> , "Skin Necrosis due to Photodynamic Action of Benzoporphyrin Depends on Circulating Rather than Tissue Drug Levels: Implications for Control of Photodynamic Therapy", <i>Photochem. Photobiol.</i> , <u>68</u> (4):575-583 (1998) | | |
| * | MC | Lustig et al., "A multicenter Phase I safety study of intratumoral photoactivation of talaporfin sodium in patients with refractory solid tumors," <i>Cancer</i> 98(8):1767-71 (2003) | | |
| | MD | Marcus, S.L., "Photodynamic Therapy of Human Cancer", <i>Proceedings of the IEEE</i> , <u>80</u> (6):869-889 (1992) | | |
| | ME | Margaron <i>et al.</i> , "Photodynamic therapy inhibits cell adhesion without altering integrin expression", <i>Biochimica et Biophysica Acta</i> , <u>1359</u> :200-210 (1997) | | |
| | MF | McMillan <i>et al.</i> , "Tumor growth inhibition and regression induced by photothermal vascular targeting and angiogenesis inhibitor retinoic acid", <i>Cancer Lett.</i> , <u>137</u> :35-44 (1999) | | |
| | MG | Meerovich <i>et al.</i> , "Photosensitizer for PDT based on phosphonate phthalocyanine derivative", <i>Proc. SPIE-INT. Sec. Opt. Eng.</i> , <u>2924</u> :86-90 (1996) | | |
| | MH | Merck Manual of Diagnosis and Therapy, 17th edition (Beers & Berkow, eds., 1999), pages 816-817 and 1654-1657. | | |

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| | MI | Mew <i>et al.</i> , "Ability of Specific Monoclonal Antibodies and Conventional Antisera Conjugated to Hematoporphyrin to Label and Kill Selected Cell Lines Subsequent to Light Activation", <i>Cancer Res.</i> , <u>45</u> :4380-4386 (1985) | | | |
| | MJ | Mew <i>et al.</i> , "Photoimmunotherapy: Treatment of Animal Tumors with Tumor-Specific Monoclonal Antibody-Hematoporphyrin Conjugates", <i>Journal of Immunology</i> , <u>130</u> (3):1473-1477 (1983) | | | |
| | MK | Middleton <i>et al.</i> , "Synthetic Biodegradable Polymers as Medical Devices", <i>Medical Plastics & Biomaterials</i> , pp. 30-39 (1998) | | | |
| | ML | Millson <i>et al.</i> , "Ex-Vivo Treatment of Gastric Helicobacter Infection by Photodynamic Therapy", <i>J. of Photochemistry and Photobiology B: Biology</i> , <u>32</u> :59-65 (1996) | | | |
| | MM | Nakatani <i>et al.</i> , "Chemistry and biochemistry of Chinese drugs. VII. Cytostatic pheophytins from silkworm excreta, and derived photocytotoxic pheophorbides", <i>Chem. Pharm. Bull.</i> , <u>29</u> (8):2261-2269 (1981) | | | |
| | MN | Nemoto <i>et al.</i> , "Inhibition by a new bisphosphonate (YM175) of bone resorption induced by the MBT-2 tumour of mice", <i>Brit. J. Cancer</i> , <u>67</u> (5):893-897 (1993) | | | |
| | MO | North <i>et al.</i> , "Viral Inactivation in Blood and Red Cell Concentrates with Benzoporphyrin Derivative", <i>Blood Cells</i> <u>18</u> :129-140 (1992) | | | |
| | MP | Pandey <i>et al.</i> , "Shedding some light on tumours", <i>Chem. Indust.</i> , <u>1998</u> :739-743 (1998) | | | |
| | MQ | Pandey <i>et al.</i> , Comparative in vivo sensitizing efficacy of porphyrin and chlorin dimers joined with ester, ether, carbon-carbon or amide bonds, <i>J. Molecular Recognition</i> <u>9</u> : 118-122 (1996). | | | |
| | MR | Parrish, J.A., "Photobiologic Consideration Photoradiation Therapy", <i>Porphyrin Photosensitization</i> , pp. 91-108 (1983) | | | |
| * | MS | Patent Abstract of Japan citing Japanese Patent Application JP 09124652, published May 13, 1997, "Porphyrin Derivative and Use Thereof". | | | |
| | MT | Pittau <i>et al.</i> , "An Inexpensive Light Source for Oncologic Photodynamic Therapy", <i>IEEE Eng. Med. Biol.</i> , pp. 105-106 (1998) | | | |
| | MU | Prewett <i>et al.</i> , "Antivascular Endothelial Growth Factor Receptor (Fetal Liver Kinase 1) Monoclonal Antibody Inhibits Tumor Angiogenesis and Growth of Several Mouse and Human Tumors", <i>Cancer Research</i> , <u>59</u> :5209-5218 (1999) | | | |
| | MV | Renno <i>et al.</i> , "Photodynamic Therapy Using Lu-Tex Induces Apoptosis In Vitro, and Its Effect is Potentiated by Angiostatin in Retinal Capillary Endothelial Cells", <i>Investigative Ophthalmol. & Visual Sci.</i> , <u>41</u> (12):3963-3971 (2000) | | | |
| | MW | Rimington <i>et al.</i> , Preparation and photosensitizing properties of hematoporphyrin ethers, <i>Free Rad. Res. Comms.</i> <u>7</u> (3-6): 139-142 (1989). | | | |
| * | MX | Roy <i>et al.</i> , "Ceramic-based nanoparticles entrapping water-insoluble photosensitizing anticancer drugs: a novel drug-carrier system for photodynamic therapy," <i>J Am Chem Soc.</i> <u>125</u> (26):7860-5 (2003) | | | |

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| | MY | Ruebner, A. <i>et al.</i> "Carrier Systems in PDT II: Accumulation Strategies of Biotin-Avidin Coupled Photosensitizers Developed On Cultured Tumor Cells," <i>SPIE</i> , 2625:328-32 (1996) | | |
| | MZ | Rungta <i>et al.</i> , Purpurinimides as photosensitizers: effect of the presence and position of the substituents in the <i>in vivo</i> photodynamic efficacy, <i>Bioorg. Medicinal Chem. Letters</i> 10: 1463-1466 (2000). | | |
| | NA | Savellano <i>et al.</i> , "Pegylated BPD Verteporfin C225 Anti-EGF Receptor Direct Covalent Linkage Photosensitizer Immunoconjugates", <i>Photochem. Photobiol.</i> , 69:38S (1999) | | |
| | NB | Savitsky, A.P. <i>et al.</i> "Avidin-Biotin System for Targeting Delivery of Photosensitizers and Other Cytotoxic Agents Into Malignant Tissues," <i>SPIE</i> , 3191: 243-53 (1997) | | |
| | NC | Schmidt <i>et al.</i> , "Size-dependent Two-Photon Excitation spectroscopy of CdSe Nanocrystals", <i>Physical Review B</i> , 53(19):12629-12632 (1996) | | |
| | ND | Schmidt-Erfurth <i>et al.</i> , "In Vivo Uptake of Liposomal Benzoporphyrin Derivative and Photothrombosis in Experimental Corneal Neovascularization", <i>Lasers in Surgery and Medicine</i> , 17:178-188 (1995) | | |
| | NE | Schmidt-Erfurth <i>et al.</i> , "Photodynamic Therapy of Experimental Choroidal Melanoma Using Lipoprotein-delivered Benzoporphyrin", <i>Ophthalmol.</i> , 101:89-99 (1994) | | |
| | NF | Schmidt-Erfurth <i>et al.</i> , "Photodynamic therapy of subfoveal choroidal neovascularization: clinical and angiographic examples", <i>Graefe's Arch. Clin. Exp. Ophthalmol.</i> , 236:365-74 (1998) | | |
| | NG | Schmidt-Erfurth <i>et al.</i> , "Vascular targeting in photodynamic occlusion of subretinal vessels", <i>Ophthalmol.</i> , 101(12):1953-1961 (1994) | | |
| | NH | Sharman <i>et al.</i> , "Novel water-soluble phthalocyanines substituted with phosphonate moieties on the benzo rings", <i>Tetrahedron Lett.</i> , 37(33):5831-5834 (1996) | | |
| | NI | Sigsestad, C.P. <i>et al.</i> "Chemical Modification of Normal Tissue Damage Induced by Photodynamic Therapy," <i>Brit. J. Cancer</i> 74(Suppl.37):S89-92 (1996) | | |
| * | NJ | Smith <i>et al.</i> , "Meso substitution of chlorophyll derivatives: direct route for transformation of bacteriopheophorbides d into bacteriopheophorbides c," <i>J Am Chem Soc</i> 107:4946-54 (1985) | | |
| * | NK | Smith <i>et al.</i> , "Bacteriochlorophylls c from <i>Chloropseudomonas ethylicum</i> . Composition and NMR Studies of the Pheophorbides and Derivatives", <i>Am. Chem. Soc.</i> , 102(7):2437-2448 (1980) | | |
| | NL | Spikes, J.D., Porphyrins and related compounds as photodynamic sensitizers, <i>Annals of the New York Academy of Sciences</i> 244: 496-508 (1975). | | |
| | NM | Stedman's Medical Dictionary, 26th Edition, (Williams & Wilkens, 1995), pages 268, 276-280, 726-727, 1165, 1182, and 1571-72. | | |
| | NN | Sternberg <i>et al.</i> , "Porphyrin-based Photosensitizers for Use in Photodynamic Therapy", <i>Tetrahedron</i> , 54:4151-4202 (1998) | | |
| | NO | Su, F., Photodynamic Therapy: A Maturing Medical Technology, OE-Reports, SPIE, February 2000, available at http://www.spie.org/web/oe/february/feb00/phototherapy.html . | | |

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| | NP | Szeimies <i>et al.</i> , "A New Light Source for PDT of Skin Lesions", http://www.lumacare.com/paper3.htm , 2 pages (after 1993) | | | | | |
| | NQ | Szeimies <i>et al.</i> , "A Possible New Incoherent Lamp for Photodynamic Treatment of Superficial Skin Lesions", <i>Acta Derm Venereol</i> , <u>74</u> :117-119 (1994) | | | | | |
| | NR | Taber's Cyclopedic Medical Dictionary, 14th edition (C. L. Thomas, ed., 1983), page 63. | | | | | |
| | NS | Tomio <i>et al.</i> , "Effect of Hematoporphyrin and Red Light on AH-130 Solid Tumors in Rats", <i>ACTA Radiologica Oncol.</i> , <u>22</u> :49-53 (1983) | | | | | |
| | NT | Umemura <i>et al.</i> , "Recent Advances in Sonodynamic Approach to Cancer Therapy," <i>Ultrasonics Sonochemistry</i> , <u>3</u> :S187-S191 (1996) | | | | | |
| | NU | Warwick, R.I., "Infinite Machines' Subsidiary Receives Positive Results in Photodynamic Therapy Tests", <i>BW HealthWire</i> , http://biz.yahoo.com/bw/97/06/18/imci_y000_1.html , 2 pages (1997) | | | | | |
| | NV | Whitehurst <i>et al.</i> , "Development of an Alternative Light Source to Lasers for Photodynamic Therapy: 1. Comparative In Vitro dose Response Characteristics", <i>Lasers in Med. Sci.</i> , <u>8</u> :259-267 (1993) | | | | | |
| | NW | Wieman <i>et al.</i> , "(418) Photodynamic Therapy (PDT) of Locally Recurrent Breast Cancer (LRBC) with Lutetium Texaphyrin (Lutrin)", <i>American Society of Clinical Oncology</i> , <u>18</u> :111A (1999) | | | | | |
| | NX | Wilder-Smith <i>et al.</i> , "(G1546) Photoeradication of Helicobacter Pylori in Humans: Phase 1 Study", <i>AGA Abstracts Gastroenterology</i> , <u>116</u> (4):A354 (1999) | | | | | |
| * | NY | Wood <i>et al.</i> , "A beam-splitting device for use with fiber-coupled laser light sources for photodynamic therapy," <i>Photochem Photobiol.</i> <u>76</u> (6):683-5 (2002) | | | | | |
| | NZ | Woodburn <i>et al.</i> , Evaluation of porphyrin characteristics required for photodynamic therapy, <i>Photochem. Photobiol.</i> <u>55</u> (5): 697-704 (1992). | | | | | |
| | OA | Yamamoto <i>et al.</i> , "Photodynamic effects on the nucleic acids of cancer cells sensitized by sodium phytychlorin", <i>Medicine and Biology</i> , <u>90</u> (6):397-400, English translation and certificate of translation included, 4 pages (June 10, 1975) | | | | | |
| | OB | Yamamoto <i>et al.</i> , "Photoradiation therapy, phytychlorin and visible light", <i>Prevention and Detection of Cancer, Part 1, Prevention. Volume 2, Etiology-Prevention Methods</i> , Proceedings of the Third International Symposium on Detection and Prevention of Cancer held April 26, 1976 in New York, N.Y., <u>1</u> (2):1789-1802 (1978) | | | | | |
| | OC | Yamamoto, T., "Effect of phytychlorin on transplantable cancer cells", <i>Medicine and Biology</i> , <u>89</u> (6):433-438, English translation and certificate of translation included, 7 pages (December 10, 1974) | | | | | |
| | OD | Yamamoto, T., "Suppression of tumors by the photodynamic action of phytychlorin sodium", <i>Medicine and Biology</i> , <u>90</u> (4):161-164, English translation and certificate of translation included, 4 pages (April 10, 1975) | | | | | |
| | OE | Yumita <i>et al.</i> , "Sonodynamically Induced Antitumor Effect of Gallium-Porphyrin Complex by focused Ultrasound on Experimental Kidney Tumor", <i>Cancer Letters</i> , <u>112</u> :79-86 (1997) | | | | | |
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| | OF | Yumita <i>et al.</i> , "The Combination Treatment of Ultrasound and Antitumor Drugs on Yoshida Sarcoma", <i>Japan J. Hyperthermic Oncol.</i> , 3(2):175-182 (1987) | | | | | |
| * | OG | Zheng et al., "Photosensitizers Related to Purpurin-18-N-alkylimides: A Comparative in vivo Tumorcidal Ability of Ester versus Amide Functionalities", <i>Bioorganic & Med. Chem. Letts.</i> , 10:123-127 (2000) | | | | | |
| * | OH | Zheng et al., "Chlorin-based symmetrical and unsymmetrical dimers with amide linkages: effect of the substituents on photodynamic and photophysical properties," <i>J. Chem. Soc. Perkins 1</i> , pp.3113-3121 (2000) | | | | | |
| * | OI | Zheng et al., "PDT using a novel LED light source and LS11 in a rat liver model," <i>30th Annual Meeting of the American Society for Photobiology</i> ; 2002 13-17 July; Quebec City, Canada. American Society for Photobiology: 33 [abstract 95] | | | | | |

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